

Why go through the agony of one-on-one dating? These days, rugged individuals band together with other rugged individuals and go out en masse. The object: to search out and party with groups of the other gender.

# THE CALIFORNIA TECH

What about dating after college? If it's hard to find the perfect person among 15,000 ever-changing students you pass in halls, eat next to and study across from, imagine trying to find that person from the isolated cubicle in which you live.

Volume XCI, Number 14

Pasadena, California

January 26, 1990



All this and more can be yours if you choose to run for the illustrious office of *Tech* editor. In addition, you will have total control over hundreds of writers, who, hanging on your every word, will die to cover any event, even the human genome conference.

## Women and Porn

by Chris Dunn

Tuesday, two feminists vexed the question of whether pornography affects the position of women in society.

On a panel on "Women and Pornography" were Carol Sobel, attorney for ACLU, and Sheila Kuehl, managing attorney at the Southern California Women's Law Center. Sobel represented freedom of speech and choice while Kuehl advocated the right to equal opportunity.

Sobel's arguments relied less on the centuries-old tenet of free speech than on the unsoundness of the principle that pornography is responsible for actions.

She admitted the existence of a link between pornography and violence, but she mentioned studies of the mitigation of violent attitudes through education.

Kuehl discredited the potential of education with the example of

its negligible impact on racism. She favored an idea, declared unconstitutional in 1985, to allow women to sue publishers when status is damaged by the influence of sexist materials.

Stated Kuehl, "Women do not get to speak their own sexuality in this pornographic environment."

One woman in the audience pled not to "just give up and let the law protect us."

When a man cited other examples of societal oppression, which, he argued, should receive the same attention, Kuehl explained that the indirect oppression of women is of a different quality.

One participant lamented that society was "so in touch with racism and so out of touch with sexism." That may be true, but that description could not have been applied to anyone in attendance that evening.

## Genetic Fascists

by Ali Mortazavi

The difficult question of the moral responsibility of scientists to society was raised by professor Dianne Paul in her Science, Ethics, and Public Policy lecture on "Genetics in Nazi Germany: the case of N.V. Timofeoff-Ressovsky." She discussed at length the many possible criterions which could be used to evaluate the character and extent of the collaboration by the famed Russian geneticist with the Hitlerian regime and its repulsive aims, only to conclude that there is no objective "algorithm" for assigning guilt in such cases.

After giving an extensive background on the state of German and Russian biology and genetics between the two world wars, Paul (a

professor of political science at U. Mass. at Boston) gave a concise account of the life of Timofeoff, of the various reasons for his assignment by the Soviet government to work in Germany in 1925, and of his ground-breaking work in genetics and molecular biology in collaboration with, among others, Max Delbruck. She then described the dilemma facing the German and Russian scientific community in face of the rise of Nazism and Stalinism.

What is an "apolitical" scientist to do when a totalitarian regime starts to put in effect its morally objectionable program? Can he dissociate himself from the acts of the government he is working for? Is the private dislike of the regime sufficient to alleviate this collaboration?

continued on page 7

## Election Mayhem

Most students are probably thinking, "Wasn't there some election on Monday. What happened?" The more interested might have read in the *lytle t* that election results must be posted by midnight of the election date.

Well, they weren't posted because there was a protest. That's right, there was a breach of good faith when the ballot boxes were taken away before dinner. Many people were planning on voting at dinner, but couldn't. The *lytle t* states that ballot boxes must be in the houses from 11:30AM to 1PM, so this rule was not broken.

The ASCIT BOD debated this issue for a while before deciding that it was the ASCIT Excomm who should decide the matter, although the ASCIT BOD then approves or disproves the Excomm decision. The Excomm has decided by a 5-2 secret vote that it was a legal election.

The BOD had planned on meeting yesterday to review this decision, however Page initiations postponed the meeting to its regular Tuesday time.

This protest has caused all nominations for the general elections to be postponed a week. ASCIT is supposed to announce in this weeks *Tech* that nominations open next Wednesday. If they don't, the elections should be postponed another week according to the *lytle t*. However, the *Tech* editors will save them this trouble by announcing it here.

Another interesting note, according to Article VI, Section 5 of the *lytle t*, all decisions of the Executive Committee must be approved by the BOD. However the *lytle t* also states in Article VIII, Section 9, that the Executive Committee shall have the sole power to consider the validity of protests and to reschedule invalidated elections.

## Nobel Prize Winner

by Lindee Goh

The Nobel prizes. How often does a scientist dream of receiving one of these, the highest recognition of scientific achievement possible? How often does a high school student win the chance to attend the Nobel awards ceremonies? Caltech freshman Todd L. Gustavson, 18, did just that while he was a senior at Homestead High School in Cupertino, Los Altos. He was an alternate winner of the Ernest O. Lawrence Nobel Travel Award, a prize given to outstanding high school students who have won top honors at regional science project competitions.

Last November, Todd was informed that the first place winner, Alicia Gruber, was unable to attend and would he like to go in her place. Would he attend! Todd was elated and astonished at the opportunity. "I had written off the trip as unfeasible." The only hitch was that he had to leave on the Saturday night before finals week. Through a complex timing system, Todd shot through three finals and finished the last one five minutes before the airport shuttle picked him up to start him on his way to Stockholm, Sweden. There he attended the ceremonies and also participated in the Stockholm International Youth Science Seminar.

Todd won the honor of attending the event after a series of interviews including 30 other top California science students. The process began when he won 16 science awards at the Santa Clara Valley Science and Engineering Fair in April of last year. He captured one of the two grand prizes at the fair for a project he created at home: a simplified Scanning Tunneling Microscope, whose parts included such household items as a hairpin and a dental brace rubber band.

Because of his performance he was able to apply for the trip,

which is awarded by Lawrence Hall of Science, University of California at Berkeley. The Award honors Lawrence, inventor of the cyclotron and U.C. Berkeley's first Nobel Laureate.

Todd was one of 32 students from around the world, and one of five U.S. students to attend the

Nobel Prize Ceremonies Dec. 2 to 11.

"It was one of the most profound experiences I've had in my life," Todd said. "It was so inspirational. To see that something that represents the pinnacle of human progress being rewarded in such a grand fashion."

## CRIME & INCIDENT BEAT

**CRIME TIP:** In the wake of recent textbook thefts, Harold Ginder of campus security would like to remind faculty and students to keep office and room doors locked. Occidental College and Pasadena City College security departments has relayed information that three persons have been stealing textbooks from colleges throughout southern California.

1/17 Car speakers and an amplifier were stolen from a car parked in a Caltech parking lot. There was no apparent damage to the car, but the perpetrator must have used tools to force the door open.

1/18 A Numerical Recipe and three books on fluid mechanics were reported taken from a Firestone Lab office. The victim could not recall if the door had been locked. The crime occurred between 1/15 and 1/18.

1/18 At 08:00 a suspicious person knocked on a Firestone Lab professor's door. The professor didn't immediately answer, and the suspect opened the door and told him that he was buying used books. When the professor stated that he had no books to sell, the suspect left.

1/18 More textbooks were reported stolen from Downs Labs. The three victims had Numerical Recipe, mechanics and astronomy books stolen. The crime occurred on either 1/17 or 1/18.

1/18 Solicitors were observed at Catalina III by Caltech security at 16:25 and identified as being two white males. Later, Pasadena Police took sufficient information to present to the city attorney for the possible filing of criminal complaint. The suspects were advised of standard policy regarding solicitors - they would be arrested if found on campus again.

1/19 Three suspicious persons, Latin males ages 16-17 years, were reported smoking what gave the odor of marijuana. A search by Caltech security proved fruitless.

1/19 A grey Toyota pickup was stolen from Chester parking lot between 09:00 and 18:00.

1/19 A perpetrator cut through the cloth top of a vehicle in the Business Services parking lot and removed a flashlight, miscellaneous audio cassettes and victim's wallet. While security was investigating a yellow 1975/76 Chevy was observed being driven by a male latin. When the driver saw the officers, he left at a high rate of speed.

1/23 At 08:45 Athletic Director Dan Bridges observed a man who in the past had frequented the Caltech tennis courts, giving lessons in the sport for money. Bridges advised the suspect that if he was again found giving lessons his privilege to use the courts would be revoked.

1/24 An innocent Crime and Incident Beat editor was in the security office taking down the week's crimes and incidents when an unidentified officer told him, "Write something nice."

Total dollar value stolen this week: \$11,080.

### INSIDE

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## Less Calories

Dear Chandler Diners,

Finding myself a few pounds overweight after the holidays I have attempted to limit by daily caloric intake by eating only salads for lunch. An average salad with 2 cups of lettuce one medium tomato, 1/2 cucumber, one diced green onion, one bell pepper 1 cup of spinach leaves 1 cup of fresh sliced mushrooms and 2 tablespoons of low calorie Italian dressing has approximately 190 calories. It is often impossible to make such a salad at Chandler. Today for instance the only fresh vegetables on the salad bar were lettuce, spinach leaves Chinese pea pods, alfalfa sprouts, and mushrooms. These items are certainly excellent salad fair but everything else that appeared on the salad bar either came out of a can or was heavily marinated in oil, adding about 190 calories per table spoon, or covered with mayonnaise, adding about 101 calories per table spoon. I want unmarinated tomatoes, cucumbers, bell peppers, and green onions on the salad bar. If you feel the same way I do please cut out the little form that follows this letter and give it to the cashier next time you eat in Chandler. Thank you for helping me stay on my diet. Sincerely,

-A Caltech Fatso

**I want unmarinated tomatoes, cucumbers, bell peppers, and green onions on the salad bar.**

# entertainment

## Glory Shows Broderick Can Act

by Nick Smun

Until *Glory* came out, I really wasn't sure that Matthew Broderick could actually *act!* Most of his earlier roles were as comic relief (such as in the otherwise serious *Ladyhawke*), and while I thought he was a fine comedian, it just isn't the same thing. Well...he *can* act. While it may not win the Academy Awards it deserves, *Glory* will probably be nominated for several Oscars, and Matthew Broderick should be up for one of them.

While Denzell Washington and others do a fine job of acting, it is Broderick who *has* to do a good job, or else the whole film falls flat. It's like *Batman* in that respect. I mean, who cared if Kim Basinger could act? It was Keaton and Nicholson who had to carry the film. Well, *Glory* is like that.

For those of you unfamiliar with the film or its premise: during the Civil War (War Between the States, if you will) both sides hotly debated the idea of arming former or current slaves. The South decided it would be a terrible idea to arm slaves. At first, the North decided it would be a terrible idea to arm freed slaves, and almost as bad an idea to arm free black troops. Eventually, practicality took a hand, and a new source of manpower for the North emerged...slowly and painfully.

*Glory* is about the raising, arming, training and most famous battle of the 54th Massachusetts, a regiment of free black soldiers raised at the request of some of the most powerful anti-slavery factions in the North. While a few historical glitches creep in, *Glory* has a degree of historical accuracy that puts other movies of that period to shame, including making the much-beloved *Gone With The Wind* look like *Bill and Ted's Excellent Adventure* as a portrayal of the Civil War.

You see, when black regiments were first formed, they were formed of uneducated runaway slaves. When these men were gathered together none could read (it was against the law to teach a slave to read in most slave states), and some spoke dialects thick enough to choke on, so their Northern white officers had little faith in them. If they were captured in battle by Confederate troops, they would become slaves again, or be summarily shot or hanged. But since the Northern officers didn't trust them, they didn't want to give them guns, or trust them to fight in a battle, so they used the ex-slave, or "contraband" regiments for manual labor. Cutting wood, digging graves, that sort of thing. Instead of guns, they armed them with pikes. You know, sort of a long sharp stick. Oh, yes, and they

didn't receive as much money as white soldiers, either. Well, if you were told that you had to go out and risk death or slavery at a *cut* in salary, and you could only have a sharp stick to defend yourself, how many of you would be thrilled? Let's have a show of hands! Well, a lot of the "contraband" regiments had problems with desertions and low morale. Funny thing...

The 54th Massachusetts was different. From the beginning it consisted primarily of free-born black men from New England, educated at least to some degree. These weren't direct refugees with nowhere else to go. They were proud to volunteer to serve their country, and to help to free those held in slavery. Of course, under the articles that permitted the regiment to exist, all of the officers had to be white...that's how things worked in the U.S. Army up until World War II, by the way...but they were dedicated, spirited troops. They wanted to help win the war. And their colonel, Robert Gould Shaw (played by Matthew Broderick), wanted to prove that a black regiment could be counted on, trusted in time of battle. And that led to both the regiment's achievements and its downfall.

I won't tell you the entire story of the fate of the 54th, because the way it unfolds on film is a powerful visual work, easily on a par

with the best American-made war films ever made. But I will tell you that the 54th is most famous for a fight that, had a decent poet chosen to write about it, would be right up there in the memory of the masses with the Charge of the Light Brigade.

*Glory* was made at enormous cost, and with enormous love for the subject and the medium by all involved. Many of the extras who played the bit parts in the regiment lived on location in a recreation of a Civil War-vintage camp, rather than commute to a nearby city, just to keep the feeling of what they were portraying.

*Glory* is rated R, primarily because of violence in the battle scenes (the graphic stuff is there, but is necessary and quite briefly viewed—this movie is not gory for the sake of blood), but also because of the most creatively foul-mouthed drill sergeant I've seen in years. The photography, the music, the acting, the script...all worthy of note. It's a powerful, gut-wrenching movie, a trip back 125 years in a way that drags the viewer into the feelings and beliefs of the time. But even without that, it's a damn fine war movie, one that's just as heroic as anything John Wayne ever did (and I'm a big John Wayne fan). I intend to see it again, but not until I recover from the first time. It's that kind of movie.

## Y News

**Futures For Children.** The Caltech Y is offering reduced-admission tickets to this outstanding performance to be held Saturday, February 3rd, at 8:00 pm For more information about the program call (818) 355-1070, or contact the Y (or read the description in the announcements section).

**Money.Clubs** requesting co-sponsorship funds from the Caltech Y must submit proposals to Brian in the Y Office at least one hour prior to the Ex Comm meetings, which are held Mondays at noon.

**Posters? HELP!** The Caltech Y's equipment (paints/markers) for making the banners that hang in front of Winnett has disappeared. If you know of the whereabouts of these articles, please contact the Y.

**Student Fund Drive.** The Y sponsors Noon Concerts, Decompressions, discount tickets, sports activities, trips, activities of other clubs, speakers, volunteer work, Broom Ball, use of sporting materials and much more, in a highly COMMERCIAL-FREE format. We'll soon be asking you to help our funding by accepting a charge to your student account of five dollars per term. This is minimal compared to what you receive, and helps us considerably. Think about it.

**Broomball.** Be on the look-out for the next boffo broomball bash, coming later this term.

**Distinguished speakers.** The Distinguished Speakers Subcommittee of the Caltech Y Ex-Comm has several thousand dollars still budgeted to bring distinguished speakers to campus. If you have any suggestions, contact the Y, Eric Stout, or Craig Volden.

**Team R.A.C.E. (Really Anyone Can Enter).** Anyone who enjoys running or jogging should join up with this group. It meets every Wednesday at 4:30 pm at the Caltech Y.

**Volunteer Tutoring.** Such a large number of students have shown an interest in the Y's off-campus tutoring program that Jennifer Uray, head of our local tutorial efforts, will be making a presentation this Saturday (tomorrow) at 3:00 in the Y. We can always use more student involvement, and this is your best time to find out about the program. We'd love to see you there. If you cannot make it, but would like more information, call Golda Bernstein at x3739, or contact the Caltech Y.

The Caltech Y is located on the second floor of Winnett Student Center (the building where the bookstore is). Our phone extension is x6163 (learn it, know it, use it).

## New Music Class

Why has the improvised art music of India inspired so many Western musicians from classical, jazz and pop realms? Why do Yehudi Menuhin, John McLaughlin, and the Beatles, among others, share a love of India's music, its *rags*, *tals*, and drone-based sonorities? Caltech students will have an opportunity to explore these questions in Spring Quarter in a new course on the musics of India,

**MU 53: Music of South Asia**  
Instructor: Catlin, spring quarter 1990, MW 1-2:30.

The course will examine the intellectual and artistic foundations of the music of the Indian subcontinent, especially India and Pakistan. Musical performance and related genres will be seen in historical, social, linguistic and cultural perspective. An introduction to the folk and tribal traditions which pre-date classical music will lead into study of the modern-day theory and practice of the art music of the North (Hindusthani music) and the South (Karnatak music). Special emphasis will be placed on Hindusthani classical instrumental music, the vocal forms of *khyal* and *dhrupad*, romantic *thumri* and *ghazal*, and Muslim devotional

*qawwali*. Similarly, in the Southern or Karnatak tradition, instrumental music, as well as the vocal forms, *pallavi* and *kriti*, *padam* and *javali*, will be featured, exploring the role of improvisation in all these genres.

Lectures will be profusely illustrated with audio-visual recordings, slides, and guest presentations. Attendance at local concerts of Indian music will be encouraged. No musical background is required.

Professor Catlin is a noted ethnomusicologist who has taught a similar course as well as others at UCLA. This course will be her fourth in a cycle concerning the musics of Asia which began at Caltech in Fall 1988. She has spent nearly three years conducting field research in India on music and related performance traditions (dance, theatre, ritual, and puppetry), for which she has received numerous academic awards and grants. Her doctoral dissertation on ethnomusicology (Brown University, 1980) was on the subject of variability (creativity, improvisation, and tradition) within South Indian classical music.

Don't miss this chance to understand Indian music. All students are welcome!

## THE CALIFORNIA TECH

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— entertainment —

# Fun Book and Party

by Nick Smith  
*Mythology 101*  
by Jody Lynn Nye  
Questar, \$4.95

This is a fun book. Not deep, not important, just fun. The basic plot involves a college student discovering that a colony of The Little People lives under the college library. No, not just friends of Billy Barty, but *the* Little People. You know...elves, gnomes, leprechauns...that kind. They go back and forth at night, or by using the steam tunnels. The problem is that this same student, one Keith Doyle, has just convinced the student government to recommend tearing down that same library to build a new one. The student government isn't going to do the tearing down, mind you, but the school asked them which they wanted built first, a new library or a new gymnasium. Keith's personal arch-rival was a jock who desperately wanted a new gym, so of course Keith had to mastermind the push for a library. As part of all this, he ended up falling for his arch rival's girlfriend, following her around in her strange trips to the library. In plumbing the library's depths, he struck elves. And that's where the good stuff starts. You see, if you need to help a bunch of about-to-be-homeless elves move to a new home in 20th century America, you need money, right? And how are a bunch of elves going to make money without being...well...exploited by the media, shall we say. Well, Keith

just happens to be a business and marketing major... *Mythology 101* is a good light fantasy, and brings up some unusual points about modern life and its regimentation (how *would* an elf get a Social Security card, anyway?). If you pay attention to details, the book has a bit of depth here and there, especially in how people treat each other, and how they perceive anything unusual. For most people, if you're not looking for an elf, you won't see an elf, even one right under your nose. This is the best urban elf book since *Elf Defense*. If you want fantasy that isn't all blood and guts, I think you'll like *Mythology 101*. And besides, the book reminded me of what used to live under Throop Hall. But I digress...

\* \* \* There will be a multiple-author-and-artist autograph party in Pasadena on Saturday afternoon from 2-4 pm at Planet 10 bookstore, 79 N. Raymond Ave. Guests include award-winning writer S.P. Somtow, fantasy author Melanie Rawn (the Dragon Prince series), Disney artist Ron Dias (*Roger Rabbit* and *Little Mermaid*), and the one and only Syd Mead (a *real* futurist, as opposed to Harlan "Car Salesman" Ellison). For those of you unfamiliar with Syd Mead's work, he did a lot of design work on *Bladerunner* and on a variety of other things over the past decade. There is no admission charge, but the store would love to sell you stuff if you're in the mood...

# Boyk's Original Music Discussions

by Ch. Dunn For a dilettante of music, the chance to witness the exhilaration of a musician at the moment of discovery is a quixotic dream, but that is what James Boyk has been offering for the last twenty years. Boyk's amiable nature, his disarming style, the casual attire, and the disordered easy chairs accommodate an atmosphere of uninhibited informality. Typically, the subjects of discussion involve thematic analyses, technical details of performance, aesthetic impressions, composer-bashing, or anything else of interest to the group. This week Yvonne Liu, in preparation for a competition, played portions of a Chopin concerto in an open practice session, often called a "master session." Boyk's comments were sometimes critical, sometimes experimental, sometimes aphoristic, sometimes

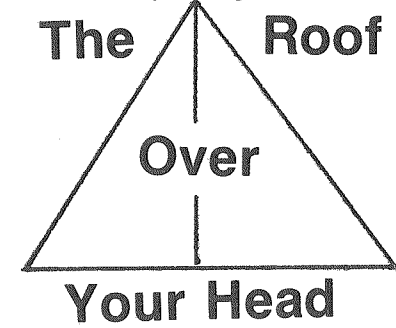
paraphrastic, but always entertaining. Here are some excerpts: On Chopin: "He comes in my category of underrated famous composers." On Beethoven's 5th Symphony (with a ludicrous quotation from a deceased "expert"): "Not enough silence." On reading certain notes: "This is for the ear, not for the eye." On some spontaneous experiments: "That's terrible... This is magic... Tears should be springing from your eyes. You shouldn't be able to see the sixteenth notes." He strains to prevent anyone's embarrassment and welcomes all new ideas. The group discussions are on Wednesdays from 4:30 to 6:00 in Dabney Lounge and are free to the Caltech community. Miss Liu, and others, will perform in a Caltech-Oxy competition on an upcoming Saturday at Occidental College.

# Johnston Spurs Fencers to Title

by Robert Randolph Caltech defeated all other Division III fencing teams, this past Saturday to secure the Pacific Coast Collegiate title sponsored by the United States Fencing Association. The event was held in the huge 6 month old athletic complex at Pomona-Pitzer college which fielded a very strong home team. Other schools participating included USC, UCLA, Cal-State Fullerton, U.C. Santa Barbara, Drew, Pomona-Pitzer, Occidental, and Claremont-Mudd-Scripps. The first event of the day was the Men's Sabre competition. Seniors Robert Fox and Sabre Team Captain Sean Johnston fenced their preliminary rounds flawlessly, and entered the direct elimination rounds in the first and second seed positions, respectively. In the semi-finals, however, Robert Fox came across Pomona fencer, Alexei Oroskovic, an eight-year fencing veteran who defeated the Caltech senior. The final bout was between Alexei and Sean Johnston. Realizing that the Pomona fencer was considerably stronger at defense

than offence, Caltech coach Robert Randolph, told his fencer to assume a much closer distance than normal from his opponent, and then from there, launch carefully prepared attacks. Johnston complied with this advice and his series of running attacks proved too much for Oroskovic. Sean earned himself a gold medal for the individual championship. Foil Team Captain Robert Coker followed in the footsteps of his sabre team colleague and fenced successfully through the preliminaries to earn the second seed to the elimination round. Using a stylistic combination of counter-attacks and body evasions, he advanced to the finals before losing a tough fought bout to USC fencer Kashi Way. Coker earned the silver medal for his efforts. Combined with Johnston's results, Caltech had assumed the lead over all other teams, with Pomona-Pitzer in second place, USC in third, and UCLA in fourth. The Epee event was next and Caltech captain, Joe Dadek, fenced

superbly to be seeded third in the eliminations. It looked like Joe was heading for his own individual medal, however, he was matched against teammate Julius Yang (number 14 seed), who upset his team captain in a bout which saw-sawed back and forth before the sophomore fencer snatched the victory. Julius advanced to the finals before being defeated and finished in eighth place. Although this finish furnished the Caltech team with additional points, Stevenson, a 6'7" epeeist from Pomona had earned the silver medal to close the gap between the two teams, and Stewart from Cal-State Fullerton had earned the gold, to bring the Fullerton team into third place above UCLA and USC. Only the women's foil event remained and it was up to the Caltech women to hold onto the dwindling lead. All Caltech women fenced well, however the laurels fell to freshman Gabriela Mallen-Ornelas who advanced to the quarter-finals, to secure the Division III team title for Caltech.



by Nancy Carlton The following is a list of typical damage charges for maintenance repairs (i.e., how much you will pay for the things that you cause to break). Fabricate and install hyperspace cover...\$40-130 Replace window screen...21-32 Missing window handle...12 Kicked-in door frame...90-140 Broken window frame...27-110 Broken window...32 Replace dimmer switch...29 Replace exit sign...20-45 Missing outlet cover...20-33 Missing light fixture...22-80 Alarm pull station pulled...25 Replace smoke detector in South Houses...40 Smoke detector repair...15-25 Combination lock repair...45 Rekeying of one lock...25 Patch hole less than 12"...20-35 Recharge fire extinguisher...12 Replace fire extinguisher...25

Charges may vary depending upon the size of repair (i.e. varying size windows), specific condition of item to be repaired, parts charges, and labor involved. Questions concerning damage charges appearing on student statements should be brought to Patti Pratt in the Housing Office at which time a detailed explanation can be provided.

## The Inside World

Lloyd  
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WhitesNate - Slide It In  
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Twisted Kister - She's Not Gonna Fake It  
Jefferson Amarship - I Spilt My Bike On Rocks'N'Rolled  
Jen at Work - It's A Mistake  
The Talking Freds - Psycho-Lover  
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Sat-Sun matinees 1:20, 4:10 p.m.

Blacker 25 0 5 0 0 5  
 Dabney 38 0 1 1 3 5  
 Fleming 20 0 3 5 0 8  
 Lloyd 27 0 6 0 4 10  
 Page 15 0 4 3 0 7  
 Ruddock 33 0 0 2 1 3  
 Ricketts 23 1 2 4 2 9

This Week's **Inside World** was written by:  
**Dabney:** David A. Edwards  
**Lloyd:** Curt Hagenlocher, Dave Jeitner, and Gil Elbaz  
**Ricketts:** Joe Dadek  
**Ruddock:** Nik Joshi, Chris Martin, Delwyn Gilmore  
**Ruddock:** Matt Durasoff and Jenn Forman

The Inside World

Ricketts

Well, I guess a few of you liked last weeks RHIS. Maybe in a while I'll continue the gripping saga. This week, though, is for complaints and griping.

First of all, what are the goons in the Tech office doing with all of the disks I submit these things on? Is it too much to ask that they put them into the outgoing box so I can reuse them. I'm getting sick of having to hunt up a new disk every week when there are at least three perfectly good disks that say "Ricketts House Inside World" on them rotting in the Tech office. Get a life, guys.

Next, who is the geek who said our votes for Angus wouldn't be counted? This is a democracy and I'll vote for whomever I feel like voting. No Neo-Nazi with a wordprocessor is going to tell me what to do with my franchise. Just go stick your head in a pig, bozo.

Well, I guess that's enough Chris-esque whining for now. On to some topics of substance. Kitt wanted me to be sure and announce that her wave function has collapsed, and she is no longer stuck in that stuffy box. Congratulations, and may you remain in an eigenstate for a good long time. In fact, Kitt is one of the many people currently eligible to participate in LD's alley competitions. At last count, if we ignore the undergraduate restriction, 18 people could be on LD's side. Can any of the other alleys top this? Maybe not yet, but Herc is well on its way with the pillow of incredible size and comfort.

In sports news, the Ricketts Hovse Ultimate Tugboat has chugged along past a few of the other houses. I guess the Ath men need a good bath. And since Alley Challenges were mentioned above, the long awaited LD-Crud challenge has finally been completed with Crud emerging victorious. Apparently, the competitors did not count on the substantial spectator presence in Snatch. Finally, Julius Yang is the biggest stud in Snatch, after a fine performance at last week's fencing competition. Let's see if he can do it again this week.

Well, over all, things seem pretty dull around here, so I guess I'll have to carry out my threat. Thus, I now bring you:

RUDE/SLANDER/BIG LIE BEDSTAND:

Amanda has been complaining that she doesn't appear in the Inside World. Well this is perhaps because she's never around. But I have confidence that she's off doing things that would be perfectly newsworthy with TACIT. After all, we all know about those theater people, don't we? Speaking of which, Ross has been seen carrying around a variety of large phallic symbols lately. Maybe he's trying to impress all of the women he keeps glomming. Danny has been seen around the house lately actually moving at a speed greater than that of a 120 year old Galapagos tortoise. The sidewalk has lost its attraction for him, I guess. And finally, let's get down to the nitty-gritty. Rich & Debi, Plu & Tristy, Kitt & Scott, Andreja & Limey, Steve & Leah, Monica & the mystery Rudd, Bengt & Jung, Helen & whomever, Jason & Atiya, Beth & Frank, Charles & Brenda, Leopold & Kirsten, Erich & Tom, Jennifer & the Phlegm, Chris & Jen, Su-Lin & Gato, Stu & Ina & Scotty & . . . and Dave & Dave. Are they or are they not doing it like "a pair of sex-crazed weasel"? You be the judge, and I'll print the results next week.

I'm going to keep it short this week since I have work to do. Remember: It's not whether you win or lose, but how many barren radioactive deserts you leave behind.

-The Physics Messiah (Still accepting applications)

Ruddock

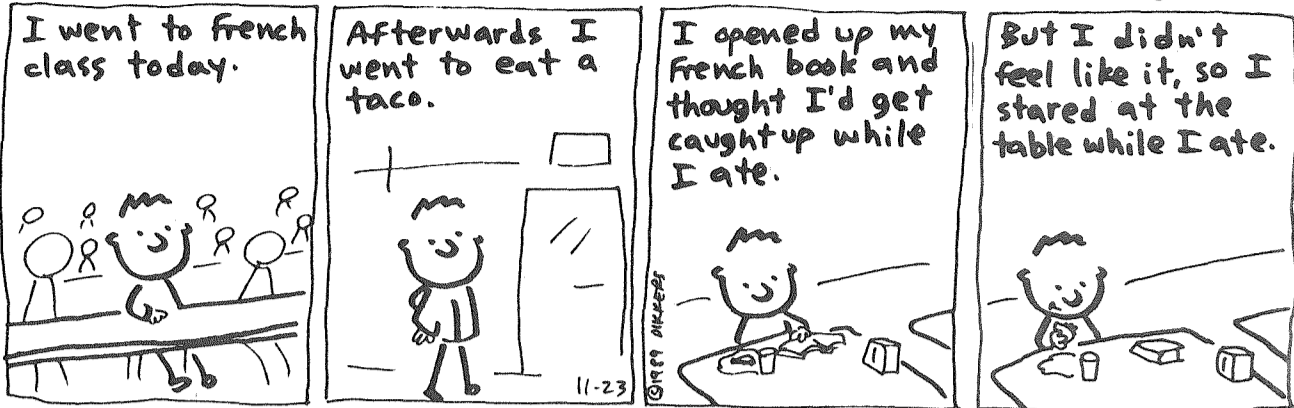
Rudd Rumor Mill: Kim has turned down yet another multi-million dollar contract with G.L.O.W., saying "I'd rather wrestle men!" Mike Tyson has been seen hanging around her room lately, and was witnessed telling her "I want a woman who hits back!" Will he propose?? Is this Ruddock, or Ricketts? Only those present in Room 242 Saturday night for sure. Fang, the amazing and rare Peruvian Dwarf cat, in another feat of stunning skill and prowess, dove nearly two stories from the Ruddock-Lloyd bridge to a graceful four-point landing. Alley six judges gave the dive a "9.1" Nik has reportedly given up all "small Oriental women" and is now exclusively dating his cat Quasar. They were seen last week sharing cappuccino in Americo's Pasta House. Is Quasar only dating Nik because she thinks he's a Fishhead? Does Nik wick Quasar was Siamese?

Corrections: We incorrectly reported last week that Ahmed is Permafrosh...it was later pointed out that he is not Permafrosh; he's just obnoxious. And Mateo wasn't the R.I.P. of last weekend. In fact, Mateo was completely sober last weekend. In fact, Mateo has never had a beer in his life! And he studies all the time! And Mateo in no way influenced us on this subject. (Gaatsquisher say, "Hi, Mom!")

-Spiral and YAWP!!!

Jim's Journal

by Jim



Jim's Journal

by Jim



Jim's Journal

by Jim



Odyssey 12



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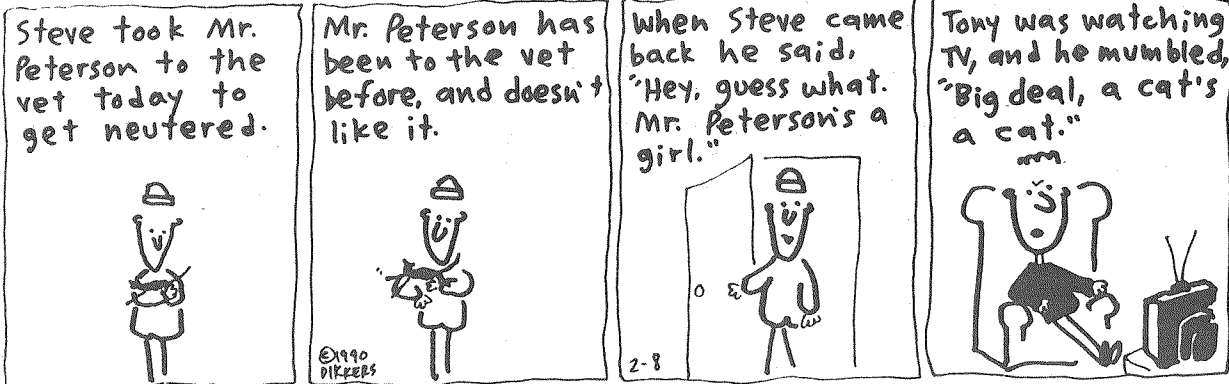
**Jim's Journal**

by Jim



**Jim's Journal**

by Jim



**Jim's Journal**

by Jim



**Jim's Journal**

by Jim



**Jim's Journal**

by Jim



**Ruddock**

HEY! HOLD ON! Wait just a minute! Moooo! Moooo! Let's get a few things straight here! The reason Rudds don't talk to other houses isn't because we're stuck up, or lame, it's because the other houses are too damn boring! If they want to talk to us, they can damn well come over here! Jesus Christ... Nik seems to think that Ruddock is going down hill. He wants to return to the "Glorious days of yesteryear" when Rudds beat each other with sticks, threw shit into each others alleys and there were only three girls in the house and four bitches. Welcome to the nineties Nik! An age of peace, love and understanding! Of course this doesn't mean you can't put a snowball down Melissa's shorts, thrash Alley 4 with a hockey stick, or run screaming through the lounge in Kiki's underwear!

Be on the lookout for a new movie featuring background noise by Ruddock, Blacker and a few drunk Page Boys. They had to bribe us with 8 cases of beer to keep us quiet, too bad Colin wasn't there or we would have gotten a brewery. Congrats to the new Ath Team that managed to pull this off and beat Blacker in Ultimate (of course they didn't care, they had beer.) The Corona was great, but, uhhhh, anyone want a free six-pack of Coors?

Travel advisory to all Darbs and Scurves: While all the glass has been removed from 1.5, there are now large shards of wood and splinters littering Alley 4 and 4.5. Mateo's Rhino-Rage rampage left a wake of destruction and Nik quaking. And all this just because he had to move down to Alley 3! He's already causing trouble, Fatima had to slap him around a little when he played his stereo too loud (she'll soon learn that this slapping business only stimulates him further - poor girl!). Ya, Nik really fisted him good (hey, it's better than fisting yourself! -Nik) But Mateo tries to give as good as he gets - we caught him wrestling with Colin on the stairs wielding a can of Kris-co.

In related news, the Boo-Foo Choo-Choo has been laying new tracks in Alleys 4 and 5, and Blake seems to be the new caboose, a prime target for Kim's loose noose. Look for exciting wrestling action outside a shower near you!!

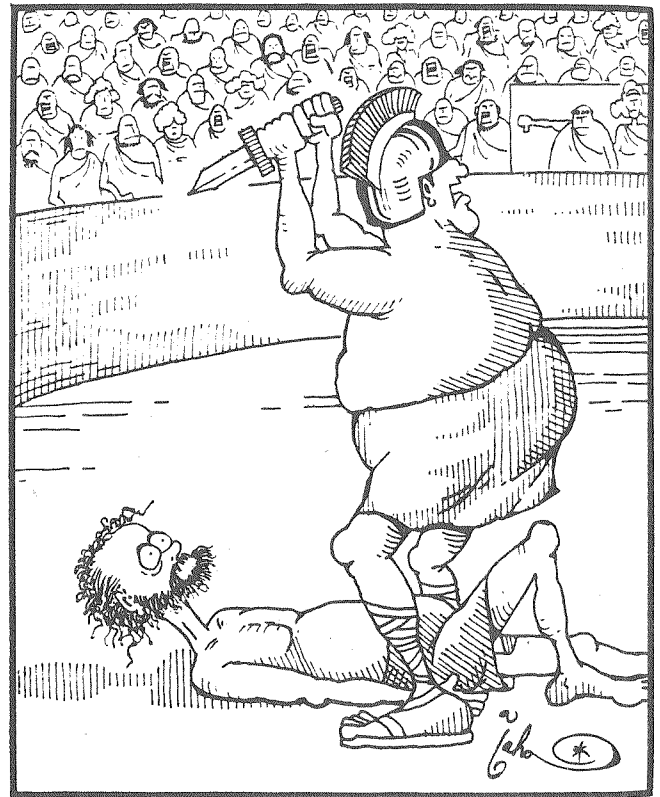
OOOOOH! AAAAAAH! Coming up for air! What the hell are you doing with your hands?! Now that's a dick-chain! We all laughed as Melissa's own special rose-tinted world came crashing down around her eyes, which, incidentally, were bugged wide open! Larry was pissed with our laughing imp's interruption later that night, perhaps Celia learned something new in Nik's room. Five Kit-Kat units?

The Social Event is the Festival of Animation, and if you can't make it to that, you can help Kiki with her new Gilligan's Island mutant vegetable garden. She grows cucumbers and carrots enormously, and exclusively. And if you're a good little helper, she'll give you a Kit-Kat!

Ruddock isn't stuck-up, it's clear  
We don't look at other houses in fear  
We're not energetic  
Just apathetic  
We wouldn't care if the campus disappeared

-Delirious, Turgid and Cynical

© L. Taha  
Odyssey 11

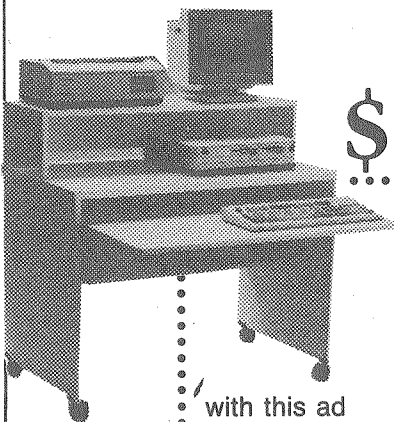


I didn't bring my glasses. Is his thumb up or down?

**SFC 90 Update**

The second session of the 1990 student-faculty conference by the office of the Dean of Students and the Caltech Y will be held on Friday, March 2 from noon until 2 pm, or later, if there is interest. The topic of discussion will be the state of the Honor System. Applications for membership of the panel initiating discussion (See *The California Tech* two weeks previous) are invited from the entire Caltech community. To apply submit a short (page or less) essay on your perception of the state of the honor system to the Caltech Y by 5 pm on Wednesday, January 31. See you at the first session on February 16 to discuss "Diversity".

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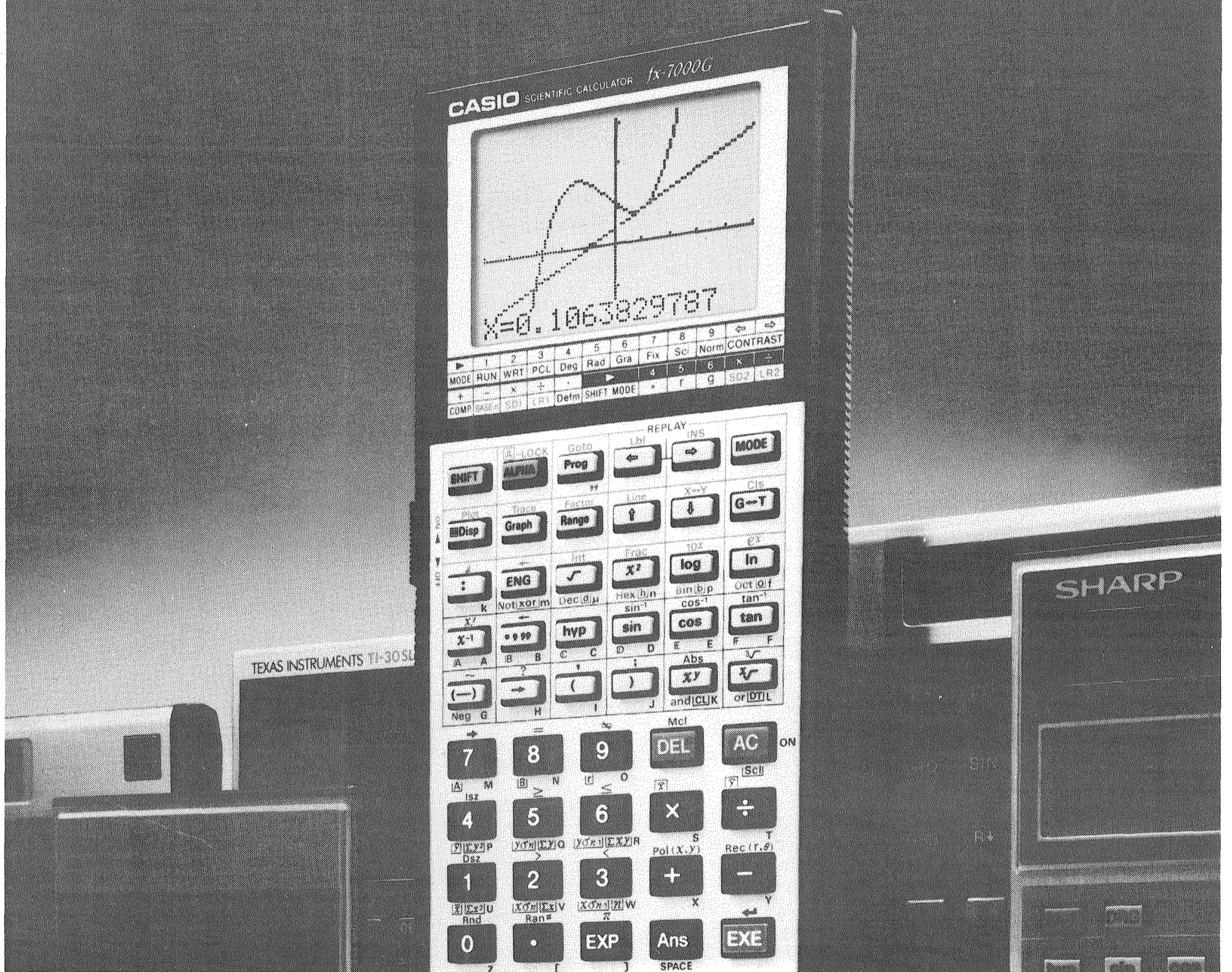
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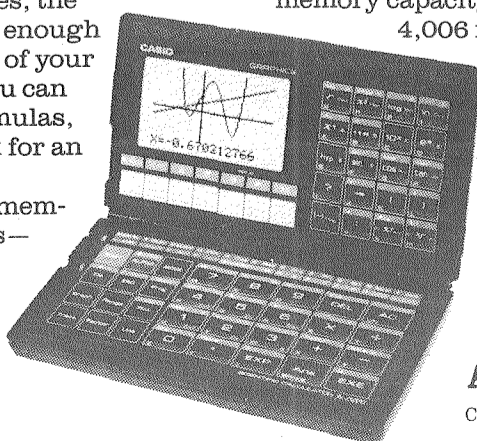
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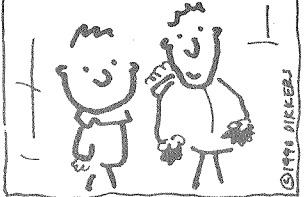
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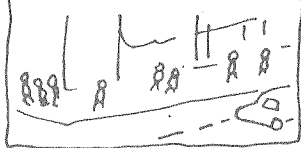
**Jim's Journal**

by Jim

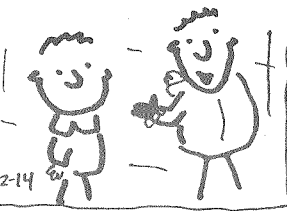
Today I bumped into Dean, a guy in one of my classes last semester.



We talked for just a couple minutes about school, and he joked about his coat, which he got for Christmas.



We came to a corner and he said, "I go this way, see you around, Jim."



I walked away more and for a brief second I couldn't remember who I'd bumped into.



**Jim's Journal**

by Jim

Today I had my European history class.



I was taking notes with a pencil and the lead broke.



I didn't feel like asking somebody for a pen, or getting up to sharpen my pencil.



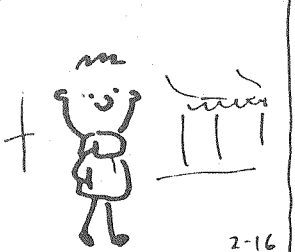
So I just didn't take any more notes.



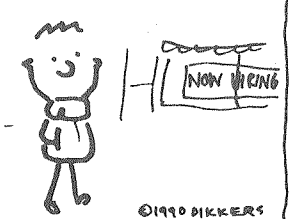
**Jim's Journal**

by Jim

Today I walked by a fast food restaurant.



It had a big sign in the window that said "Now Hiring."



But the window frame blocked part of the sign so it looked like "Now Firing."

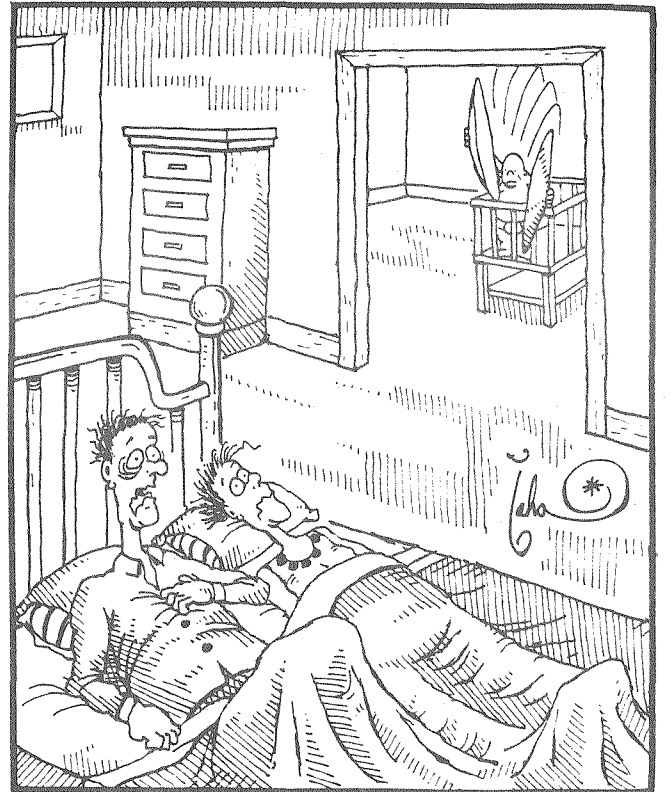


I thought that was kind of funny.



**Odyssey**

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When he wants his bottle, how come he can't just cry like other babies.

**Nazi Genes**

from page 1

ration? In this respect, the case of Timofeff is especially well suited for intellectual scrutiny, for it contains all the elements of controversy that are involved in the similar cases of scores of other scientist (e.g. Heisenberg and Plank.) As a Soviet citizen, he was ordered to return to Russia during a period of widespread political and scientific purges which were greatly damaging Soviet science and society. As an authority in his scientific field, he was offered the opportunity to leave Germany and to continue his work at an American institute. Instead Timofeff opted to stay in Berlin and to continue to work in his institute, arguing that it was i the best interest of his family and of his research (which as far as we know, was never linked directly to any Nazi motive.)

The war and its aftermath proved to be tragic for Timofeff. To the despair of a father who harbored fugitives at the risk of his life, the Nazis executed his eldest son on conspiracy charges in 1944.

A year later, he was arrested and sent into a Siberian labor camp by the Red Army, on the accusation that he had collaborated with the Nazis. After going through several periods of public humiliation and isolation, he died without any rehabilitation in 1981. Is he really guilty or is he some tragic figure caught between the forces of History? Paul's answer is that there is no objective way to determine the guilt of a scientist in a similar situation. She could only advocate that scientists (e.g. those working in nuclear physics) should be aware of, if not active in, politics of face the dilemma of lacking a moral standing for their action and work.

The next SEPP seminar will be Wednesday, February 1, at 4 pm in Baxter Lecture Hall and will be a Genome Seminar on "Human Genetic Information and the Diagnosis of Human Disease and Disorder" by Thomas Kaskey, director of the department of Molecular Genetics at the Howard Hughes Medical Institute, at Baylor College of Medicine. All members of the Caltech community are welcome.

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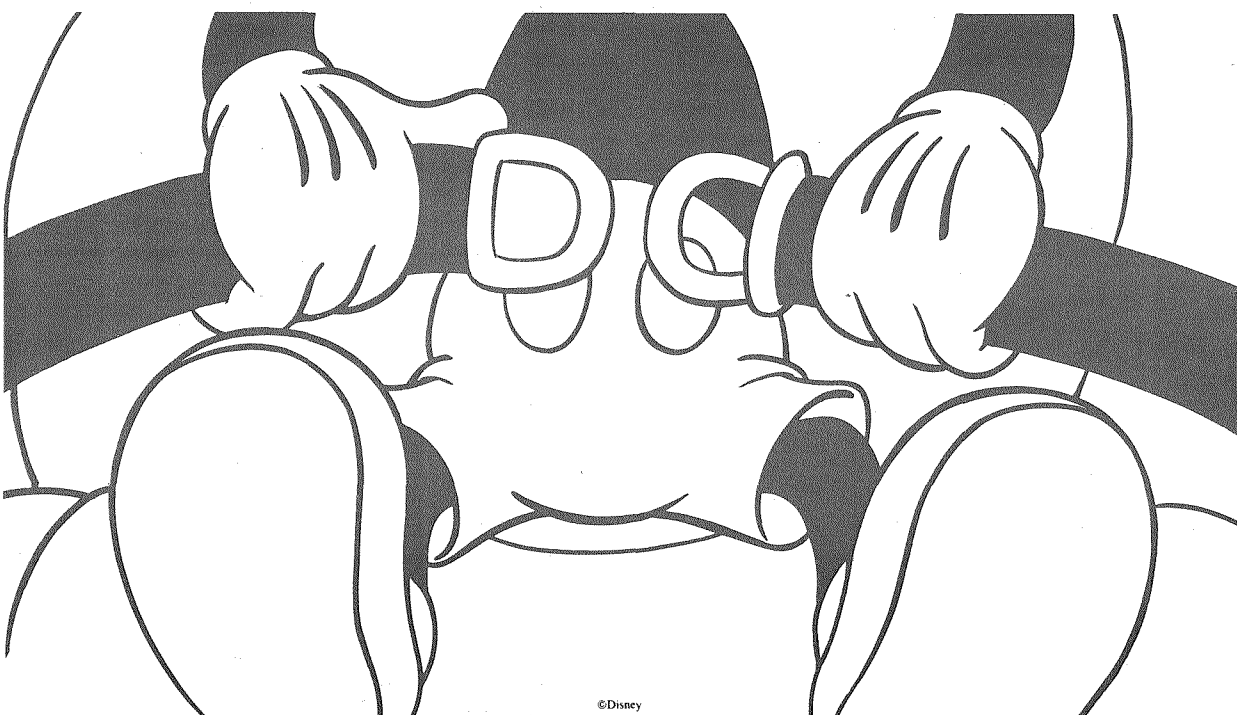


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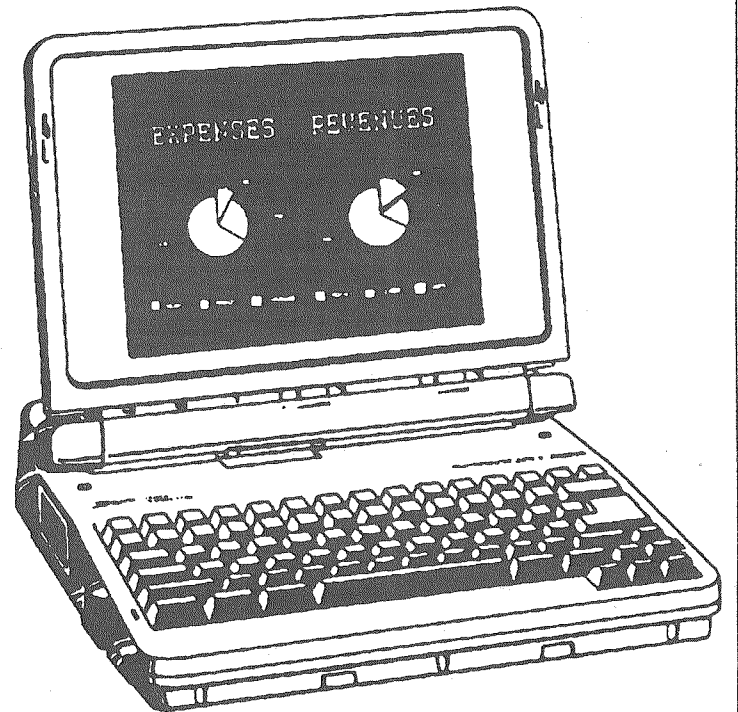
Thursday February 1, 1990  
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Only one (1) computer will be given away at this event. All eligible participants are required to fill out an entry form.

Winner need not be present and will be notified by mail.

ZDS will be showing the new SupersPort SX VGA Laptop, as well as the new Desktop SX, and other laptops and desktops.

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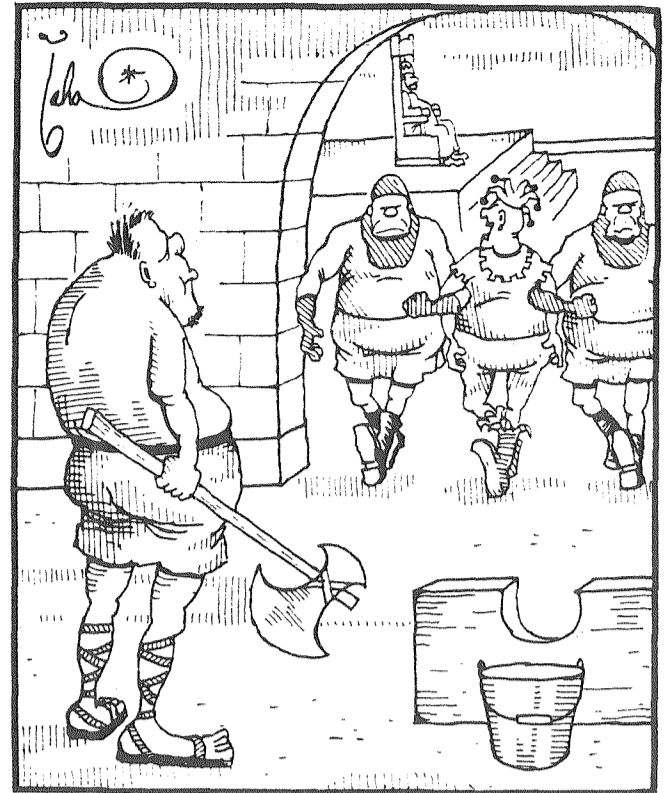


## WEEKLY SPORTS RESULTS

Day	Date	Sport	Opponent	Results
Sat.	1-20	Basketball	Whittier	53-71
Sat.	1-20	Swimming (M-W)	Occidental	(M) 104-126, (W) 35-128
Wed.	1-24	Basketball	Occidental	30-60

## WEEKLY SPORTS CALENDAR

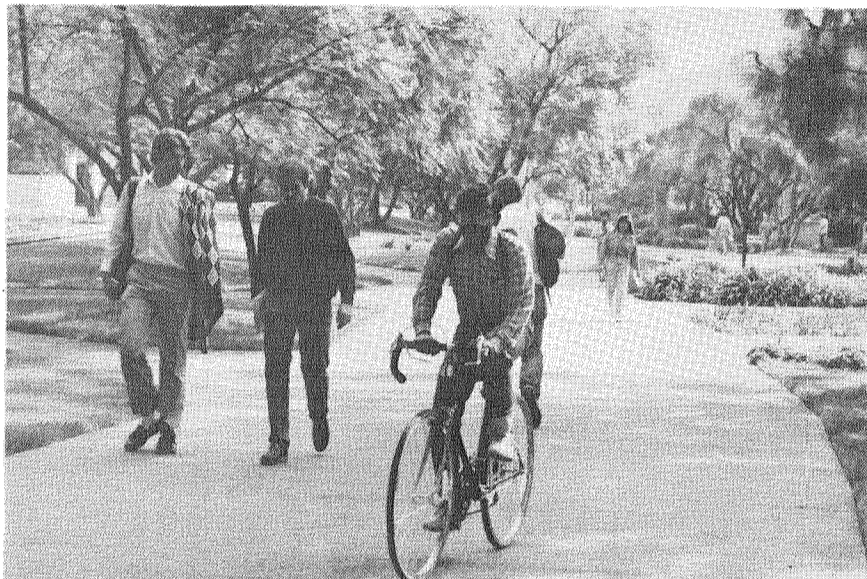
Day	Date	Time	Sport	Opponent	Location
Sat.	1-27	11:00 am	Swimming (M-W)	Whittier	Caltech
Sat.	1-27	12 noon	Basketball (JV)	La Verne College	La Verne
Sat.	1-27	1:00 pm	Fencing	Occidental & UCLA	Caltech
Sat.	1-27	1:00 pm	Tennis (M)	Southern California College	So. Cal. College
Sat.	1-27	2:00 pm	Basketball (V)	La Verne	La Verne
Sat.	1-27	2:00 pm	Tennis (W)	Christ College	Christ College
Tue.	1-30	2:30 pm	Baseball	La Verne JV	Caltech
Wed.	1-31	7:30 pm	Basketball (V)	Loma Linda University	Caltech
Thu.	2-1	3:00 pm	Tennis (W)	Pasadena City College	P.C.C.
Fri.	2-2	11:00 am	Tennis (M)	Menlo College	Menlo College
Sat.	2-3	10:00 am	Fencing	USC & UCSD	Caltech
Sat.	2-3	10:00 am	Tennis (W)	Pomona-Pitzer	Pomona-Pitzer
Sat.	2-3	11:00 am	Swimming (M-W)	Redlands	Pomona-Pitzer
Sat.	2-3	11:00 am	Tennis (M)	Dominican College	Dominican College
Sat.	2-3	12 noon	Baseball	Pacific Coast Baptist Bible	Caltech
Sat.	2-3	12 noon	Basketball (JV)	Redlands	Redlands
Sat.	2-3	2:00 pm	Basketball (V)	Redlands	Redlands



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Odyssey

Boy, he's touchy.



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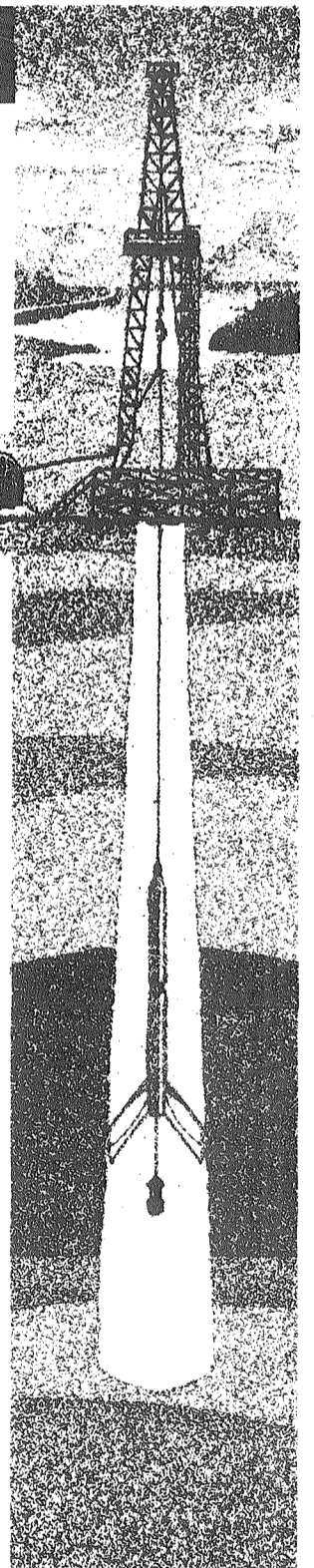
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	m-at	perc		m-at	df	of	A	TO	
Swanson	10-13	76.9	0-0	3-7	5	2	0	4	23
Karceski	3-6	50	0-1	5-6	2	0	0	2	11
Oslakovic	4-6	66.7	0-0	1-2	1	1	5	4	9
Ahle	2-6	33.3	0-3	1-2	3	0	6	8	5
Creath	1-1	100	0-0	1-2	3	1	1	2	3
Ralph	1-7	14.3	0-2	0-1	2	1	1	5	2
<b>Totals</b>	<b>21-39</b>	<b>52.5</b>	<b>0-6</b>	<b>11-20</b>	<b>16</b>	<b>5</b>	<b>13</b>	<b>25</b>	<b>53</b>



# Oxy 60, Caltech 30

	fg		3pfg	ft		rebounds			Pts
	m-at	perc		m-at	df	of	A	TO	
Ahle	3-5	60	3-5	0-0	1	1	4	8	9
Karceski	3-3	100	0-0	2-2	5	1	2	3	8
Oslakovic	3-8	37.5	0-1	0-0	3	2	2	5	6
Ralph	1-6	16.7	1-2	1-3	1	0	1	6	4
Swanson	0-4	0	0-0	1-2	5	2	0	3	1
Creath	1-7	14.3	0-0	0-0	1	0	0	3	2
Kollmorgen	0-1	0	0-0	0-0	0	0	0	0	0
<b>Totals</b>	<b>11-34</b>	<b>32.4</b>	<b>4-8</b>	<b>4-7</b>	<b>16</b>	<b>6</b>	<b>9</b>	<b>28</b>	<b>30</b>

Memphis St. at Florida St.	Texas at Arkansas	U. Mass at Duquesne	Michigan at Northwestern	NC-Charlotte at West Virginia	Purdue at Ohio State	Detroit at Xavier	Illinois at Wisconsin	Tulane at Cincinnati	Evansville at Loyola (ill)	Ga. Tech at Clemson	
Scott Kister (43-21)	Memphis St.	Arkansas	U. Mass	Michigan	West Virginia	Ohio State	Xavier	Illinois	Cincinnati	Evansville	Georgia Tech
Mark Lyttle (40-24)	Memphis St.	Arkansas	U. Mass	Michigan	NC-Charlotte	Ohio State	Xavier	Illinois	Tulane	Evansville	Georgia Tech
Paul Socolow (40-24)	Florida St.	Arkansas	U. Mass	Michigan	NC-Charlotte	Purdue	Detroit	Illinois	Tulane	Loyola	Georgia Tech
Illinois St. at Bradley	Utah at BYU	Long Bch St at Utah St.	Iowa at Minnesota	California at Arizona St.	Stanford at Arizona	New Mex St at San Jose St.	Oregon at UCLA	Oregon St. at USC	UC S Barb at UNLV	SDSU at Hawaii	
Scott Kister	Illinois St.	BYU	Utah St.	Minnesota	California	Arizona	New Mex St	UCLA	Oregon St.	UNLV	Hawaii
Mark Lyttle	Illinois St.	Utah	Long Beach St	Iowa	Arizona St.	Arizona	New Mex St	UCLA	Oregon St.	UNLV	Hawaii
Paul Socolow	Bradley	Utah	Long Beach St	Iowa	California	Arizona	New Mex St	UCLA	USC	UNLV	SDSU

## Volunteer

by Golda Berstein

Have you ever been told that Techers are self-centered, introverted, even selfish? Last Thursday in my morning Lit class, the professor told us that compared to other college students he has known, Caltech students are basically very selfish. They don't get involved, do not become political activists, and show little concern outside their scientific endeavors. Hm. I guess someone forgot to tell the growing list of Tech students and staff who are volunteering to help kids all over Pasadena. (Pasadena has a lot of kids who need it! Children of recent immigrants, members of low-income families where education is not stressed, or just ordinary kids who could use a helping hand.)

Actually, my prof was right. Students volunteering for tutoring are selfish - because getting away from campus, making friends with kids and teachers, and feeling like you are making a difference to someone is fun. Not to mention rewarding. When the little girl you are tutoring writes a story about an elephant that cried because he couldn't read, and how the elephant got a tutor that helped him learn, which made him very happy - well, you feel good even if you don't like elephants.

At present, there are 12 techers visiting five different schools around Pasadena, and more have expressed interest. If you'd like to join us, please call the Y at x6163 - you are really needed. Whether you are about to become the next Nobel Laureate, or you have some difficulty understanding the intricacies of Quantum Mechanics, or both, you can definitely help any elementary or high school student with their studies. And in a radical shift from the Tech norm, guys especially are wanted! Many high-school age boys can relate easier to a male tutor and role model. (Women are still needed, of course!)

Volunteering only takes one hour a week, and transportation can be provided. If you think you are interested, or just want to know more, please leave your name and # with the Y. We also have opportunities for physical labor & other diverse community activities... and suggestions are welcome. Stop by instead of call and you can even have free coffee & popcorn.

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Student Activity Center

Room 34

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# The Inside World

Dabney

## The Dabney House Paper-Within-a-Paper

Dave is Pissed: MIT is now beginning to recruit prospective graduate students by getting current students of the opposite sex to write them provocative, leading letters. Is it any wonder we can't compete? Why is it that when I want to go to the Thomas basement, nine steps below ground level, I have to traverse twenty-seven steps? Did you ever notice that bad lecturers are easy graders? They have to be because otherwise no one would take their classes. Good lecturers can be real hard asses and we, like lemmings, still flock to our doom.

Freshman News: All this time I have wondered what the secret is of animal magnetism, and the secret was right on my person! If you want women from Rudd-dock to proposition you, all you have to do is put initials on all your clothing. First I thought Sven just put 'S's on his socks, though I was confused as to whether the 'S' was for 'Sven' or for 'Sock'. However, since he has (I kid you not) 'SOP' on his underwear, it must mean 'Sven'. Why more letters on the underwear? Do more people have access to your underwear than your socks, Sven? The big freshman orgy was Saturday night, with lots of alcohol being consumed by all. I'm sort of glad I missed it—I mean, seeing Trux drunk would be kind of like seeing Raggedy Andy drunk, and I've already had too many visions shattered in my lifetime. The debate still rages on: what exactly did Tracy mean when, while drunk after Initiations, he called Amy Stern "a fucking bitch?" Did he really mean it?

Couples News: After repeated cautions about his caffeine-induced state sapping Patty's strength, Alex has finally allowed her to begin eating lunch again, even though she rarely eats it with us. Rumor has it that the love-crazed couple goes everywhere together (that is, except downstairs). Remember, the couple that showers together flowers together. Diana seems to be dating the business manager of this illustrious newspaper, though rumor has it that lovebirds are really circling between her and his roommate. Maybe that's why Diana and Sonny never go anywhere but his room. Of course, Diana was also seen in the rather cozy company of several gentlemen after Initiations. Why is it that she was the only person allowed to skip Initiations and go straight to the party? Rumor has it around the dining room that Betsy is available to all, but she charges different rates depending on who you are. I wonder how much she charges Kevin.

Social Events News: Sunday is the first honest-to-God alley challenge in Dabney for God knows how long—BOWLING between Alley 5, the Alley that Drove All the Women Out, and Alley 4, the One-to-One Alley. Come out and cheer your favorite team on! That will be Rob's last social event, and as his term comes to a close, he has finally admitted that he couldn't get sixty women to come to Dabney House (even during Prefrosh Weekend) and has returned everyone's 50 cents. Of course, in his heart he hasn't admitted he's through, because he keeps getting calls from some Daniella bimbo who wants to organize something. Right after BOWLING FUN will be Erections, that lovely time of year when all the back-stabbing and back-door scheming comes to its fateful climax—so to speak. It's that one day of the year when I realize how divided this house really is. Speaking of erections, I was reading the paper the other day and came upon these want ads.

**WANTED:** President. Must be responsible, forthright, gesticulate a lot with his/her hands. Problem drinker and cat-hater preferred. Balding person unnecessary—this job will make you bald. (Please, God) ability to deal effectively with the administration is a must. Job perks: scores of members of the opposite sex lining up outside your door.

**WANTED:** Vice-President. Alcoholic preferred. Must be able to deal with house guests, even people you don't like. Job perks: Huge room for no work.

**WANTED:** Secretary. Anal retentive preferred. Must be extremely organized and uptight. Must be able to deal with hordes of clueless frosh and irate upperclassmen. Applicants will also be judged on voice volume. Macintosh and overhead projector skill preferred. Must be able to deal with someone in the MOSH's Office. A roompick a week—that's all we ask. Job perks: None. It's not worth it.

**WANTED:** Treasurer. Some arithmetic skill preferred, not required (the bank balances the books anyway). Must be able to deal with Housing Office. Stinginess, unwillingness to give out money even when approved a must. Embezzlement skills optional. Job perks: You only have to do the job at ExComm Meetings, and you have all that money and no one watching what you do with it.

**WANTED:** Social Vice-President. Must like rap music. Car-owner and over 21 preferred. Anyone who likes "Somewhere Else" is disqualified. Special consideration will be given to candidates who can actually bring 60 women to Caltech. Job perks: You totally control the social life of every member of Dabney House.

**WANTED:** Marine Biologist. Experience with chlorine and a familiarity with Mr. Clean preferred. Preference will be shown for sexual deviants. Job perks: You get all the bathing suits that people leave behind in the hot tub, and an excuse to ogle everyone in the hot tub all the time.

**WANTED:** Athletic Manager. Key qualities are ability to motivate individuals, teach incompetents how to play sports, and a high tolerance for being laughed at by all the other ath men. People who are used to winning are discouraged from applying. Job perks: Are there any?

p.s. I know there are lots of other offices, but I didn't want to take up the whole paper. If you have any Christmas trees sitting around, Dabney House will dispose of them for you.

-How Much Is That Darbie in the Window?

# what goes on

## Upcoming Folkdancing Events

Folk dancing on Tuesday nights in Dabney Hall Lounge. Teaching from 7:30-9:00 pm, with dancing from 9:00 to 11:30ish. On January 30th, we will have Jaap Leegwater, internationally-known folk dance instructor, as a guest teacher. Join us on Feb. 6th for our first "Beginners' Night." A great way to get started. Last but not least, come on February 13th for our 21st Anniversary/Valentine's Day Party, with live music.

## Speech And Debate Meetings

Debate meetings and meetings for the Speech Team will be held Mondays from 4:30 to 5:00 this term in SAC Rm. 13. [NOTE THE CHANGE OF ROOMS!] Meetings will be for information, tournament registration, and practices. For more information, contact Craig Volden at 1-60 or x3762.

## Voices Needed!

On March 23, 1990 the Caltech Men's Glee Club will perform Argento's *The Revelation of St. John the Divine* for the Intercollegiate Men's Choral Festival in Santa Barbara. This annual event draws together the best men's choirs from all over the country. Caltech will be a featured chorus at this year's festival. We welcome all those interested in singing, regardless of what you think of your own ability. Please call Don Caldwell at x6197 ASAP.

## Gay/Lesbian Discussion Group

On the 1st and 3rd Tuesdays of each month, all students, staff and faculty are invited to an ongoing discussion of Lesbian/Gay topics, from 7:30 to 9:00 pm. After this, time is devoted to informal talking, with refreshments provided. This confidential meeting is held in the Health Center Conference Room; call x8331 for further information.

## Mechanical Universe

Watch *The Mechanical Universe* every Tuesday from 10 pm to midnight and every Thursday from 9 pm to midnight at the Y Lounge, upstairs in Winnett. Freshmen, upperclassmen, grads and faculty are welcome. Refreshments will be provided.

## Fishing For Ideas

*The Fishline*, a newsletter serving all Christians of the Caltech community, needs material! If you have any ideas, upcoming events, or articles that you would like to share, please submit them (Mac format, if possible) to *The Fishline*, 126-58. Also welcome are announcements by neighborhood churches, Christian groups and clubs, as well as mailing list additions. Contact Mike Nassir (578-9833) for more information.

## Attention Writers!!!

The Literature Faculty is pleased to announce the 44th Annual McKinney Competition. The Mary A. Earl McKinney Prize is awarded each year for excellence in writing. Only full-time students officially registered at Caltech as undergraduates are eligible to enter the competition. This year three prizes will be given in three categories: poetry, prose fiction, and non-fiction essays. All submissions must be typewritten and double-spaced. In the poetry category, entrants may submit up to three poems. Submissions of prose fiction should not exceed 12,000 words. Essays may be ones prepared for a humanities class or any good piece of original writing on a topic relevant to the humanities. The prize in each category will be \$250.

Each student is entitled to only one entry in each category. All contestants must submit their work to Professor Jenjoy La Belle, Division of the Humanities and Social Sciences, by no later than April 20, 1990. No entries accepted after 5 pm, April 20. No entries will be returned. Each category will be judged by a committee from the Literature Faculty. Essays will be judged on the quality of thought and the effectiveness of the writing. Winners will be announced the last week of May, and the names of the winners will appear in the commencement program.

If you have any questions, contact Dr. La Belle, x3606, or Odessa Myles, x3609.

## Interested in Sailing?

You too can use the Caltech sailboats. Find out how by joining the Caltech Sailing Club. Contact Axel or Martin at (818) 568-9168. Open to students, faculty and staff.

## Japan-America Conference

Positions are available on the American delegation of the 1990 Japan-America Student Conference (JASC). JASC is an internationally coordinated program for university students held alternately in the U.S. and Japan. The program is held in English. This year's program will start in Anchorage, move to Seattle, and conclude in San Francisco. There will be an orientation in Portland before the program. JASC is open to any student who is a U.S. citizen or has permanent resident status. Application deadline is February 23, 1990 for this summer's program. The Career Development Center has more information and applications. Stop by at 08 Parsons-Gates.

## Be In The Top Ten

Caltech juniors are invited to participate in *Glamour* magazine's 1990 Top Ten College Women Competition.

*Glamour's* prestigious competition honors college juniors of outstanding achievement. This year's winners will be selected from five distinctive categories: Creative Arts/Communications/Humanities, Science and Technology/Health, Politics/International Relations, Business and Economics/Entrepreneurship, and Public Service. Candidates will be judged on academic excellence, involvement in community or campus activities, and personal interests.

Ten winners will receive national recognition in *Glamour's* October 1990 issue and in media across the country. Contact the Dean of Students Office for information. Deadline is February 1, 1990.

## Play Bridge

Play bridge at the Caltech Bridge Club this Monday. We meet every Monday at 7:15 pm at the Red Door Cafe in Chandler Dining Hall. No card fee, no membership fee, no partner needed. Undergrads, grads, faculty, etc. welcome.

## Chamber Music Concert

The second in a series of three chamber music concerts performed by Caltech students will take place tonight (January 26) at 8:00 pm in Dabney Lounge. Dvorak's "Dumky" Trio; Beethoven's Trio Op. 70, No. 2; Brahms' Trio Op. 114 for Viola, Cello and Piano; and Poulenc's Sextet for Woodwinds and Piano will be followed by cookies and juice. Admission is free. The concert is sponsored by Student Affairs and PA 31.

## Leadership America

The International Leadership Center is seeking applicants for the fourth session of Leadership America, a summer program which will begin June 8 and conclude August 16. During that period, the students will attend sessions that take place at Duke University, Colorado Outward Bound, Southern Methodist University, and in Washington D.C. In addition, there is a four-week, self-selected internship in business, government, or community service followed by a closing session.

Students incur few expenses in Leadership America, since most costs are underwritten by corporate sponsors. To be eligible for selection to Leadership America, a student must be currently enrolled in a four year (or more) undergraduate program and have completed the junior year of this program by June 8, 1990.

The primary criterion for selection is that a student have an "outstanding potential for leadership." Selection will begin in February, 1990, and invitations will be extended in mid-March.

For additional information about Leadership America, contact the Deans' Office, 102 Parsons-Gates, x6351. Applications for this program must be returned to the Deans' Office no later than Monday, January 29, 1990.

## Jesse Unruh Fellowship

The California State Assembly offers one of the oldest and most prestigious legislative fellowship programs in the nation. Up to eighteen individuals are selected nationwide to spend 11 months (October 1990 through August 1991) in the Assembly as legislative aides and committee consultants.

Applicants must have completed a BA or BS degree by the time the fellowship year begins. There is no preferred major. Recent Fellows have had backgrounds in such diverse fields as aeronautics and astronautics, development studies, rhetoric, religious studies, law and biochemistry.

In addition to paid enrollment in the graduate seminar, Fellows receive a monthly stipend (\$1560 plus periodic cost-of-living adjustments) and medical, dental and vision coverage.

Completed applications must be received no later than February 15, 1990. For applications, contact the Dean of Students, 102 Parsons-Gates.

## Benefit Concert

Enjoy an evening of music, dance, video and storytelling with the popular Bolivian band Yatiri, and the Texas-based Chaski. Jamie Allen (local composer) will add to this special evening which also includes storyteller/singer Angela Lloyd. The program will also include a live performance of the soundtrack to *Peru: A Moving Experience*, a film without narration. The event is Saturday, February 3rd, 1990, 8:00 pm at the Pasadena Presbyterian Church. Tickets are \$7 at the Y (second floor, Winnett). For more information, call (818) 355-1070.

## Badminton, Anyone?

Badminton is played on Mondays and Fridays in the gym, from 9 am until 11 am. Intermediate players (faculty, staff and students welcome). For information, please call Cherrie Leighton, x4915, Division of Biology.

## SURF's UP.

Applications for SURF-90 are now available in the SURF Office, Rm. 3, Dabney. Students should pick up a proposal packet, complete the application portion, and give a copy to potential research sponsors. Proposals are due Friday, March 2nd.

## Don Shepard Fund Signups

Sign-up sheets for the Don Shepard Fund are now posted at the MOSH Office. Take advantage of this opportunity to enjoy a special evening of dining out, or a relaxing break at a cultural event of interest to you. Remember, we will contribute \$25 per person for dinner, or \$30 for a cultural event. Deadline date is January 31, 1990.

## Let The Games Begin

Every Friday night, the Caltech Gamers meet to enjoy role-playing and board games. Friday meetings are in Winnett Clubroom 1 at 8:00 pm. Meet others who share your interests. All welcome! Most common Friday games are fantasy role-playing, but it's a good time to find players to share whatever games you like.

## Career Development News

The City of Pasadena Water and Power Department is seeking applications for \$3,000 Energy Services Scholarship Program. Ten scholarships may be awarded during program year 1990 to fund academic projects related to the research and demonstration of energy-efficient developments. Graduate and undergraduate students in electrical power or energy-related disciplines are encouraged to apply. Deadline is February 15, 1990.

The Southern California Entrepreneurship Academy is looking for a limited number of full-time, high potential students at graduate and undergraduate level, any major, to participate in a two-semester program that will include: meeting with successful local entrepreneurs, hands-on experience and internships, inside looks at local industries, and training and experience in networking, goal-setting, and sales. Spring semester begins in late January.

For more information on these programs, stop by the Career Development Center, 08 Parsons-Gates, or call x6361.

# Tech Meeting

Today, 12:15pm  
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We Dare You  
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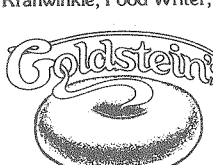
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CALTECH

# what goes on

# scholarships

Submit announcements for *What Goes On* on forms available outside the *Tech* office (SAC room 40A) and in the copy/mail room (SAC room 37), or use a plain piece of paper. Send announcements to 40-58, or put them in the IN box outside the *Tech* office. Indicate the date(s) the announcement must run. Announcements for the current issue *must* be received by 5 pm Tuesday and should be shorter than 75 words. Announcements will be published as space becomes available and will be chosen according to size and interest to the Caltech community. Announcements for commercial events unrelated to Caltech will not be published.

### Physics And Faith?

Physicist Dr. Stephen Barr, of the Bartol Research Institute (U. of Delaware) and the Institute for Theoretical Physics at UCSB will deliver this year's Aquinas Lecture sponsored by the Newman Center. The lecture, titled "Modern Physics and Religious Belief," will be held in Beckman Labs, Rm. 24, on Monday, Jan. 29, at 8:00 pm, and is open to all. For more info, call Matt Gursky (x4369).

### Korean-American Students

The Korean-American Student Association meets on alternate Mondays at 8 pm in SAC Rm. 13 (Clubroom A). The next meeting will be on January 29, and follow every two weeks. All members, and those who want to be members, are encouraged to attend. As always, there will be free munchies. Please contact Dong-su Kim at x8309 if you have any questions.

### Potential Clippers Tickets

The Caltech Y may be able to get L.A. Clippers tickets. Anyone interested in attending a Sunday, Feb. 25, 6:00 pm game against San Antonio, or a Friday, March 30, 7:30 game against Atlanta, please come by The Caltech Y for preliminary signups. 15 to 20 people are needed to get a good discount on tickets—could be a great house event.

### OWC Evening Panel

On Tuesday, January 30 at 7:00 pm in 153 Noyes, the Organization for Women at Caltech presents a panel on the subject of "Homophobia in Science," featuring staff and students from Caltech, JPL and UCLA.

### Ultimate Frisbee Tournament

Tomorrow, January 27, the Caltech Ultimate Machine will be hosting a collegiate Ultimate tournament from 10 am to 4 pm at the athletic fields. Attending the tournament will be Occidental, Pomona-Pitzer, Norman, UCLA and the Pasadena Club. Caltech will be fielding a team solely of students. Any interested undergrads or grads are welcome to attend. For more info call David Carta at 578-9923 or Eric Hassenzähl at x3762.

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RATES: \$4.00 for first 30 words; 10¢ for each additional word. Send written ad with payment to 40-58. Deadline is 6 p.m., Monday before issue. No charge for on-campus lost & found.

### Horse History

You don't get any humanities credit for this history "class"—but it is interesting! "The History of the Horse", part 2 of 6 is being shown by the Caltech Non-existent Equestrian Team as part of our ongoing horse video series. As usual it will be on our big screen in Rm. 19 Baxter, noon to 1 pm. Bring your own lunch. If any questions, call Liz at x4515 or Victoria at x3828.

### Wind Ensemble Concert

What's cheap, close to home, and sounds like a band? A free concert by the Caltech Wind Ensemble, this Saturday night at 8:00 pm in Ramo Auditorium. This is a *pops* concert and will feature the flute playing of Caltech students Mary Rowe, Josee Morissette, and Peter Hofstee. There are many other Caltech students who are going to perform. Please come by and support them by attending the concert. There will be music by Sousa, John Williams and Telemann. Following the concert, there will be a reception, where you can nibble on some cookies and meet the performers (your friends and fellow classmates). That's this Saturday, at 8:00 pm in Ramo Auditorium. Remember, it's free, close to home, and a cheap way to kill a Saturday night. (Next Saturday, it's the Caltech Jazz Band, same time and location.)

### Judo Classes

Judo Classes are being held at the Gym on Tuesdays and Thursday, 6:00-7:30 pm. Each session consists of aerobic warm-ups, stretching, instruction in basic and advanced judo techniques, Randori (free sparring) and Kata (form exhibitions). Men and women of all levels welcome; no experience required. For more information, contact Elizabeth Newton at (818) 354-7922 or (818) 791-2307.

### Missing Poster Paint

If anyone knows of the whereabouts of the poster-making paints of The Caltech Y, please let The Y know and/or return them promptly. Thank you.

### Cricketers!!

There won't be any cricket this weekend due to the unavailability of the field. Future dates on which the field would be available will be posted next time. Any questions?? Contact Zubair at 564-8364.

### Forty-Two

On Wednesday, Jan. 31 at 7:30 pm in Rm. 35 SAC, the Caltech Science Fiction Club will air the eleventh and twelfth episodes of *The Hitchhiker's Guide to the Galaxy* radio programme. Come or don't...

### Chinese New Year

To celebrate Chinese New Year, Caltech and Oxy will be having a joint party on Friday, February 2nd at the Occidental College Student Union. Dinner costs \$5 and starts at 6pm. Dancing is FREE and starts at 9. For more info, contact Ralph at x6188 or Raymond at 356-9283.

### Work In Japan?

If you missed the presentation about working in a Caltech alum's Japanese factory last week, you still have time to submit a brief letter of interest to the Deans' Office. The deadline is Friday, February 2nd. If more information is required, talk to Chris Hurwitz or David Carta, last year's participants.

### Summer Internship

The MacNeal-Schwendler Corporation (MSC) is now accepting resumes for its 1990 Summer Intern Program. Both U.S. and non-U.S. citizens are invited to apply. All candidates should be upper division undergraduates or higher and available for ten weeks this summer. They have advertised 14 positions. MSC is located on Colorado Blvd. about a block past the Pasadena/Los Angeles border. Application deadline is February 2, 1990, and the Career Development Center thinks they are pretty strict about this deadline. For more information about this and other summer job possibilities, stop by the CDC, 08 Parsons-Gates, or call x6361.

### Submit To The Totem

An effort is now underway to produce another issue of *The Totem*, the Caltech literary magazine. In the past, the main barrier to publication has been profound apathy (i.e., submissions have been about a tenth that required). This is a plea for all interested students to submit their art, poetry, and short fiction or, at least, to offer suggestions. Please include your name, campus address, and phone number. Submissions to Ben Schaeffer, 1-59, x6173.

### Ethics And Genomes

On Thursday, February 1 at 4:00 pm, Professor Thomas Caskey, Director and Investigator of the Department of Molecular Genetics at Baylor College of Medicine, will present a talk on "Human Genetic Information and the Diagnosis of Human Disease and Disorder." Prof. Leslie Steven Rothenberg of UCLA Medical School will be commentator. This seminar, part of the series on Ethics and Policy Arising from the Human Genome Initiative will be followed by refreshments. [The more alert of you may have noticed that we did not mention a location. That's because we weren't given one. Call Sheryl Cobb at x4087. She may know.]

### OWC Brown Bag Lunch Talk

On Tuesday, January 30 at noon in Winnett Lounge, Adele Fleming-Waltch will talk on the "Conflicts of Working Parents", covering such subjects as dealing with the trauma of separation, dealing effectively with your day-care provider, and time-management issues for parents.

### L.A. Philharmonic Tickets

The Caltech Y has L.A. Philharmonic tickets at \$5 each for the following dates: April 1, 8, 15, 20, 27. Come by the Y for venue info.

### Scholarship Listings

The Financial Aid Office has applications and/or information on the following scholarships. All qualified students are encouraged to apply. The office is located at 515 S. Wilson, 2nd floor, phone x6280.

The Gloria Fecht Memorial Scholarship Fund is offering a scholarship of ranging from \$1500-2000 to a young woman attending a university in California or Arizona. Applicants must have an interest in golf and financial need. Applications must be mailed on or before March 1st.

The Coors Veterans' Memorial Scholarship Fund is offering scholarships ranging from \$2,000 to \$5,000. Applicants must be sons or daughters of Honorably Discharged Veterans, active military personnel, or American service personnel Killed in Action, Missing in Action, or Died in the Line of Duty. Applicants must also be under the age of 22 as of March 15, 1990, have completed a minimum of one semester of college with a minimum 3.0 cumulative GPA. Deadline is March 15, 1990.

The National Roofing Foundation is pleased to announce the availability of scholarship awards for 1990-91. Full-time undergraduate and graduate students enrolled in architecture, engineering or other curriculum related to the roofing industry are eligible to apply. Deadline is February 1, 1990.

The Society for the Advancement of Material and Process Engineering is offering numerous undergraduate scholarship awards. Engineering students with a minimum 3.3 cumulative GPA are eligible. Deadline is February 1, 1990.

The Sylvia W. Farny Scholarship has a grant of \$1,000 to be awarded to a student for the final year of undergraduate study. Applicants must be U.S. citizens and studying Mechanical Engineering. Deadline is February 15, 1990.

The American Society of Naval Engineers sponsors a scholarship program to encourage students to enter the field of naval engineering. Scholarship awards of \$2,000 each are available for the 1990-91 academic year. Undergraduates in their final one or two years and graduate students who have not received an advanced degree are eligible. Applicants must be U.S. citizens and demonstrate a genuine interest in naval engineering. Financial need is not required, but may be taken into consideration. Deadline is February 15, 1990.

The Arizona Honors Academy has an opportunity for undergraduates to discuss important world issues with writers, sociologists, national security officers, historians, physicists, and arms negotiators at their summer session entitled "Seeking National Security in an Insecure World." Applicants must be undergraduate students who have completed 27 semester hours with a minimum cumulative GPA of 3.5. Deadline is February 15, 1990.

The Marin County Educational Foundation is offering grants for the 1990-91 academic year. Applicants must be Marin County residents and must complete a SAAC or FAF. For more information and/or an application contact the Financial Aid Office at 515 S. Wilson or call x6280. Deadline to apply is March 2, 1990.

The Society of Women Engineers has 29 scholarships varying in amounts from \$1,000 to \$3,000 for 1990-91. There are different requirements for each scholarship. Undergraduate women majoring in Engineering are encouraged to apply. Deadline is February 1.

The Korean American Scholarship Foundation has seventeen \$1,000 scholarships available for full-time students of Korean American heritage. Applicants must be in at least their sophomore year. Deadline is January 31.

MENSA Education & Research Foundation is offering several scholarships ranging from \$200 to \$1,000. There are different requirements for the different scholarships, so interested undergraduates and graduates should stop by the Financial Aid Office for an application. Deadline is January 31.

The Energy Exchange of Greater Los Angeles will award scholarships of \$1,000 each to students entering the junior or senior year of college September '90. Their major must be engineering or computer science with a GPA of 3.0 both overall and within their major. Applicants must be U.S. citizens and demonstrate excellent oral and written communication skills. For applications contact the Financial Aid Office at 515 S. Wilson Ave. Completed applications are due in the Financial Aid Office by February 23.

The Planetary Society actively encourages science students through a variety of programs. The Mars Institute Contest is open to students in both high school and college, and college undergraduates are eligible for the College Fellowship Awards. For entry details write to: The Planetary Society, Scholarship Department, 65 N. Catalina Ave., Pasadena, CA 91106. Deadline for completed applications to be received by The Planetary Society for both the Mars Institute Contest and College Fellowship Awards is April 16, 1990.

Got any good ideas for a Martian speedometer? In the international mission to be launched to Mars in 1994, Soviet wind-driven balloons will carry scientific instruments in a gondola and in an international guide-rope (affectionately called "the snake"). The Planetary Society invites ideas for solutions to design problems of the "snake". For more information contact Dr. Bruce Murray, The Planetary Society, 65 N. Catalina Ave., Pasadena, CA 91106 or call (818) 793-5100. Deadline for entries to be received at The Planetary Society is February 16, 1990.

Women's University Club-American Association of University Women is offering merit scholarship gifts for the 1990 summer session and fall regular session. Must be a U.S. citizen, a resident of L.A. county or an adjoining county, and currently enrolled in a graduate degree program in a local accredited university. Must have a minimum 3.75 GPA in a program of at least 8 units completed in semester preceding application. Show participation and leadership in groups or committees at the university or in the community. Must be available for an interview. Deadline for application is February 23, 1990.

### Financial Aid Deadline

Undergraduate students are reminded that financial aid applications for 1990-91 must be submitted to the College Scholarship Service by March 2, 1990. Financial Aid applications and information packets for next year were mailed to students in early December, 1989. If for any reason you did not receive an application information packet, please stop by the Financial Aid Office, 515 S. Wilson, to request a duplicate packet.

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